

## ABSTRACT

The invention relates to a high-density electrode, comprising an electrode active substance and carbon fiber  
5 having a filament diameter of 1 to 1,000 nm, wherein the porosity of the electrode is 25% or less. According to the invention, electrolytic solution permeability and electrolytic solution retainability, which are matters of importance in realizing a high-density electrode for achieving a battery  
10 having a high energy density, can be improved.